

In the Specification

Please amend the paragraph beginning at page 5, line 27, as follows:

On the backside of the bracket 52 a sensor strip 72 is attached by screws, bolts, adhesive or the like. A sensor strip 74 is attached to the sensor strip 72, preferably using an adhesive material. While the cross section of the sensor strip 74 is shown in FIG. 3 and is therefore illustrated to be located at the left end of the sensor strip 72. In actuality, the length of the sensor strip 74 is preferably within the range of about 15 to about 25 inches and preferably about 20 inches with the left end of the sensor strip being approximately coextensive with the blade and extending to ~~he~~the right end thereof as shown in FIG. 1. In ~~his~~this regard, the drawing is technically in error, but does generally show the relative size and configuration of the strip relative to the sensor strip. It should also be understood that when the extension 22 is moved to the right as shown in FIG. 2, the left end of the sensor strip 74 will move to the right of the blade 16.

Please amend the paragraph beginning at page 6, line 15, as follows:

As shown in FIG. 4, the display unit 70 has an electronic display 76 that is mounted to a display block 78 that is preferably a unitary piece of aluminum or other metal that has an angled front face 80 with a suitable recess (not shown) in which the display 76 can be inserted, with the ends extending further outwardly so as to provide some protection against damage during use. The right end of the block 78 has a vertically oriented slot 82 that has a width that is closely matched to the outside diameter of a pin 84 that is attached to the fence base 28. The pin 84 therefore causes the display unit 70 to move with the fence as it is laterally adjusted during use. Since the pin 84 merely rides in the slot 82 of the block 78, the fence 24 can be lifted without difficulty from the table saw. However, when it is lowered into place so that the fence base 28 rides on the fence rail 30, the pin 84 is closely fits in the slot 82. The display 76 has a ribbon connector 86 that extends to a sensor 88 that is secured to the ~~bracket~~display block 78 by a bolt 90, although adhesive or other attachment means may be used. The

sensor 88 is configured relative to the sensor strip 72 so that the necessary tolerances between the two are maintained as the sensor 88 is moved along the sensor strip.

Please amend the paragraph beginning at page 7, line 3, as follows:

A sensor 88 is secured to the ~~housing assembly 12~~display block 78 by bolts 90 and the sensor strip 72 has copper pads along its length that are positioned to provide a changing capacitance that is sensed by the sensor element 58 and which can thereby provide accurate measurement of incremental positions along the length of the rail. In this regard, it is preferred that the sensor strip 72 and sensor 88 be similar to those that are presently used in commercially available digital calipers. Other linear sensor technologies based on inductance, magnetostrictive effects or resistive elements can also be used.

Please amend the paragraph beginning at page 8, line 23, as follows:

The fence rail 130 is attached to the table 20 by suitable bolts or the like that are located inside a pair of standoffs 131 which appropriately space the fence rail from the front edge of the tabletop 20. A display 70' is mounted on a block extrusion ~~32-132~~ that is coupled to the base 28' of the fence 24'. The block extrusion 132 has an angled front portion 134 to which the display 70' is attached and the top of the front portion 134 has a forwardly directed flange 136 that is substantially parallel to the base 28' of the fence. A pin 138 mounted to the base 28' extends into a slot in the flange 136 with the width of the slot being substantially equal to the outside diameter of the pin 138 so that movement of the fence along the sensing rail 130 will also move the block extrusion 132.

Please amend the paragraph beginning at page 10, line 5, as follows:

When the knob 170 is loosened, the extension rail 152 can be moved along the slot 166 from the position that is shown to the far left end as shown in FIG. 7. Indicia

such as a green dot ~~172~~176 near the left end and a red dot ~~174~~178 on the right end are provided together with green and red switches 176 and 178, respectively, which the operator can press depending upon which end the knob 170 is positioned. By so doing, the processing means in the display module 70' can automatically compensate for the changed position relative to the blade 16. In this way, a 12 inch long sensing rail can be used to effectively measure across the entire width of the table. This is advantageous because the cost of sensing systems and particularly sensing rails dramatically increases with increased lengths.